

METHOD, SYSTEM, AND PROGRAM FOR PROCESSING PACKETS

ABSTRACT

Provided are a method, system, and program for processing packets from an Input/Output (I/O) device. Information is maintained indicating a first buffer and second
5 buffer for use with each descriptor, wherein one of the first and second buffers is assigned to the descriptor used by the I/O device, and wherein the I/O device write packets to the buffers assigned to the descriptors. The first buffer including a packet from the I/O device is accessed, wherein the accessed first buffer is assigned to an accessed descriptor. The packet in the accessed first buffer is processed and if the second
10 buffer assigned to the accessed descriptor is available, then information for the accessed descriptor is updated to indicate that the second buffer is assigned to the accessed descriptor before completing the processing of the packet in the first buffer.